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SIGNATURE:

NAME PRINTED:

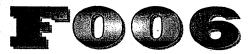
WORLD RESOURCES COMPANY

ARIZONA RECYCLING FACILITY

EPA Material

In partnership with the environment

LDRN LAND DISPOSAL RESTRICTION NOTICE



A copy of this Notice must be retained by the Generator for at least three (3) years, pursuant to U.S. EPA Regulation 40 CFR §268.7(a)(8). Moreover, the Generator should check the hazardous-waste regulations of his/her own State, inasmuch as, if there is a State analogue to the federal regulation, it may require a longer retention time, such as five (5) years. It should also be noted that the federal regulation--and, typically, State analogues as well--requires the retention period to be extended further in specified cases.

To:	WORLD RESOURCES COMPANY	8113 West Sherman Street, Tolleson AZ 85353-4025				
From:	COMPANY NAME: ALASKAN COPPER WORKS	COMPANY ADDRESS: P.O. Box 3546, SEATTLE, WA, 98124				
AM JN	INIFEST DODGE	DATE OF 5-16-06				

This shipment of material is subject to the land disposal restrictions of 40 CFR Part 268. The applicable land disposal restriction information, provided in accordance with 40 CFR §268.7(a)(2), is as shown in this table ■

Treatability

	Number Group		T	reatment Standards		
	F006	non-wastewater		40 CFR §268.40		
1			TITLE:	Einles Asso		
asc	n Thing	ردع	DATE:	5-16-06		

CFR Reference for

Instructions for Completion of this Land Disposal Restriction Notice [LDRN]

This LDRN has been prepared based on a listed material--F006--as the primary designation of the material. This designation is based on information furnished by the Generator of the material. While it is believed to be accurate, it is the Generator's responsibility to determine whether his/her material is restricted from land disposal, and to correctly complete the LDR Notice [as stated in 40 CFR §268.7(a)(2)].

An F006 designation on the LDRN includes the following constituents: cadmium [D006], chromium [D007], lead [D008], silver [D011], cyanide, and nickel. However, the designation does not include arsenic [D004], barium [D005], mercury [D009], or selenium [D010]. If your F006 material contains any of those four constituents not included in the F006 designation, then use the following instructions.

In determining the need for any additional entries on the LDRN for the F006 material, the levels of arsenic, barium, mercury and selenium must be examined to determine if the levels equal or exceed the threshold concentrations of constituents for the Toxicity Characteristic limit as identified in 40 CFR §261.24 (Table 1), as shown in the left-hand column of the table below [as stated in 40 CFR §268.9].

If (after testing or based upon the generator's knowledge of the material) each metal level does not equal the Toxicity Characteristic level shown below, then no additional entry is required on the LDR Notice. If the level is known to be or determined to be equal to or above the limit shown below for any of these metals, then the appropriate information corresponding to that individual metal (in the right-hand column below) must be added to the LDR Notice.

REFERENCE INFORMATION TOXICITY CHARACTERISTIC		APPROPRIATE ENTRY ON LDR NOTICE			
Metal	Concentration Level	EPA Material Number	Treatability Group	CFR Reference for Treatment Standards	
ARSENIC	5.0 mg/l	D004	non-wastewater	40 CFR §268.40	
BARIUM	100 mg/l	D005	non-wastewater	40 CFR §268.40	
MERCURY	.02 mg/l	D009	non-wastewater	40 CFR §268.40	
SELENIUM	1.0 mg/l	D010	non-wastewater	40 CFR §268.40	

FOOG GENERATORS

MATERIAL IDENTIFICATION

DOT BASIC SHIPPING DESCRIPTION AND TECHNICAL NAME: Hazardous waste, solid, n.o.s., (F006), 9, NA3077, III

NORTH AMERICAN **EMERGENCY** RESPONSE

TAKEN FROM GUIDE 171 OF THE NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK

(Underlined text applies directly to the material listed above)

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- 1.Some may burn, but none ignite readily.
- Some may polymenze (P) explosively when heated or involved in a fire.
 Containers may explode when heated
- 4. Some may be transported hot.

HEALTH

- Inhalation of material may be harmful.
- Contact may cause burns to skin and eyes
- 3.Inhalation of Aspestos dust may have a damaging effect on the lungs
- 4. Fire may produce imitating, corrosive and/or toxic gases.
- Runoff from fire control may cause pollution.

PUBLIC SAFETY

- 1. CALL CHEMTREC at 1-800-424-9300 FOR EMERGENCY ASSISTANCE (Use CHEMTREC Company Code "WORR")
- 2. Isolate spill or leak area immediately for at least 10 to 25 meters (30-80 feet) in all directions.
- 3. Keep unauthorized personnel away
- 4.Stay upwind.

PROTECTIVE CLOTHING

- 1. Wear positive pressure self-contained breathing apparatus (SCBA).
- 2.Structural firefighters' protective clotning will only provide limited protection.

EVACUATION

Fire

1.If tank, rail car or tank truck is involved in a fire. ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

FIRE

EMERGENCY RESPONSE

Small Fires

1. Dry chemical CO2 water spray or regular foam

Large Fires:

- Water spray, fog or regular foam
- 2. Move containers from fire area if you can do it without risk
- 3.Do not scatter spilled material with high pressure water streams
- Dike fire-control water for later disposal.
- Fire Involving Tanks:
- 1.Cool containers with flooding quantities of water until well after fire is out.
- 2. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank
- 3.ALWAYS stay away from the ends of tanks

SPILL OR LEAK

- 1.Do not touch or walk through spilled material.
- 2.Stop leak if you can do it without risk
- 3. Prevent dust cloud.
- 4. Avoid inhalation of asbestos dust.

Small Dry Spills

- 1. With clean shovel place material into clean, dry container and cover loosely; move containers from spill area Small Spills
- 1. Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large Spills
- 1. Dike far ahead of liquid spill for later disposal.
- Cover powder spill with plastic sneet or tarp to minimize spreading.
 Prevent entry into waterways, sewers, basements or confined areas.

FIRST AID

- 1. Move victim to fresh air.
- Call emergency medical care
 Apply artificial respiration if victim is not breathing
- 4. Administer oxygen if breathing is difficult
- 5. Remove and isolate contaminated clothing and shoes
- 6. In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.

7. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

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Recycled Paper 02/09/2000

Material Safety Data Sheet

MSDS ID # AZ-10-B

F006 Recyclable Material (Filter Cake)

Recycler:

World Resources Company

8113 West Sherman Street Tolleson, Arizona 85353-4025

Tel: 602-233-9166 Fax: 623-936-9164

January 2005 DLS

Call CHEMTREC only in the event of emergencies during shipping that involve a spill, leak, fire or accident (all calls are recorded)

For Emergencies During Shipping in the US or Canada, Day or Night,

Call: CHEMTREC 800-424-9300

Use CHEMTREC Company Code "WORR" From other countries call: 703-527-3887

RQ, Hazardous waste solid, n.o.s. (F006)

Section 1

Material Identification

EPA Waste Classification:

Electroplating/Metal-Finishing Wastewater Treatment Sludge Generic Name:

Chemical Family: Synonym:

Metallic (Hydroxide) Precipitates **DOT Packing Group:**

Non-ferrous Metal Hydroxide Filter Cake **DOT Identification Number:** NA 3077

DOT Shipping Name:

DOT Hazard Class:

Guide 171 of the North American Emergency Response Guidebook Applies

Section 2				
CAS Number:	Content (%):	OSHA PEL (8hr TWA):	Toxicology (rat, oral):	
20427-59-2	0 – 30	1.0 mg(Cu)/m ³ (Dust)	LD-50 1,000 mg/kg	
12054-48-7	0 – 15	1.0 mg(Ni)/m³ (Dust)	LD-50 1,500 mg/kg	
1305-62-0	0 – 15	15.0 mg/m ³ (Dust)	LD-50 7,340 mg/kg	
61790-53-2	0 – 10	6.0 mg/m³ (Dust)	LD-50 Not Determined	
	20427-59-2 12054-48-7 1305-62-0	20427-59-2 0 - 30 12054-48-7 0 - 15 1305-62-0 0 - 15	20427-59-2 $0-30$ 1.0 mg(Cu)/m³ (Dust) 12054-48-7 $0-15$ 1.0 mg(Ni)/m³ (Dust) 1305-62-0 $0-15$ 15.0 mg/m³ (Dust)	

Section 3 Physical and Reactivity Data

Description: Solid, Clay-like, Gray/Green

to Brown, Moisture ~ 30 - 80%

Specific Gravity: 2.5 to 3.5 Solubility: Insoluble in Water Density: 50 - 90 lbs/ft3

Incompatible Reactivity: None Known Insignificant Vapor Pressure: Stability: Avoid Contact with Acids

Boiling Point: Above 2.600°C **Melting Point:**

pH: 7.0 to 10.0

Polymerization:

Above 1.800°C Odor: Will Not Occur

Section 4

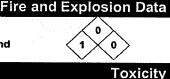
Flashnoint: Nonflammable **Special Firefighting Procedures:**

None Decomposition (Due to Fire or Explosion): Oxidation: Explosive:

Non-oxidizing Non-explosive

NFPA **Fire Diamond**

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Section 5

Listed Carcinogen Components: Nickel Toxicology: See Sec. 2 Route of Entry: Inhalation, Ingestion

Section 6 Health Effects and First Aid

Inhalation: Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.

Ingestion: Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician.

Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician. Eves:

Skin: Dust may irritate skin with prolonged contact. Wash with soap and water.

None

Comments: Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body

Section 7 Handling:

systems - blood, digestive, respiratory, liver, kidneys and skin. Precautions for Safe Handling

Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used

by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.

Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid Storage:

inhalation or ingestion. Store in a dry area under cover to protect from rain.

Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to

World Resources Company at the above address.

Section 8 Control Measures Respiratory Protection: NIOSH-MSHA approved respirators as required. Eye Protection: Safety glasses recommended.

Other Protective Equipment: Coveralls are recommended, but not required. **Hand Protection:** Gloves recommended.

Section 9 Generator's Verification This MSDS describes the material listed in the attached Manifest #: ALASKAN COPPER WORKS

Company Address: P.O. Box 3546, SEATTLE, WA, 98124 Telephone: 206-382-8379 Signature:

AKC-0016710